

# Cisco Nexus Dashboard Advanced (DCNDA)

## Description

The **Cisco Nexus Dashboard Advanced (DCNDA)** training focuses on how to deploy and use Cisco Nexus Dashboard Insights (NDI) and Cisco Nexus Dashboard Orchestrator (NDO) to successfully monitor data center networks, and to provision a Cisco Application Centric Infrastructure (ACI)-based multisite network. The training includes several activities that are either lab simulations or live labs. Activities that pertain to Nexus Dashboard Insights are implemented with lab simulations based on a real-world lab environment, while the lab activity related to Nexus Dashboard Orchestrator uses live software.

This training earns you 24 Continuing Education (CE) credits toward recertification.

## How you'll benefit

This training will help you:

- Learn how to deploy and use Cisco Nexus Dashboard Insights and Cisco Nexus Dashboard Orchestration to successfully monitor data center networks, and to provision a Cisco ACI-based multisite network
- Gain leading-edge skills for a career focused on data center technology
- Earn 24 CE credits toward recertification

## Who should enroll

- Data Center Network Administrators
- Data Center Network Operators
- Data Center Architects
- Data Center Engineers
- Data Center Technical Managers
- IT Managers/Directors
- Account Managers

## Technology areas

- Data Center

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## Objectives

- Describe Cisco Nexus Dashboard Insights
- Describe day-2 operational needs
- Describe the Cisco Nexus Dashboard Insights installation on Cisco Nexus Dashboard
- Describe Cisco Nexus Dashboard Insights switch telemetry
- Describe assurance analysis including multisite assurance
- Describe resource analysis
- Describe alerts analysis
- Describe Cisco NDI dashboards
- Describe the options for exporting data from NDI
- Describe Cisco NDI use cases
- Explore Cisco Nexus Dashboard Insights
- Explore vCenter Integration with Cisco NDI
- Explore Cisco NDI Assurance functions
- Describe Cisco Nexus Dashboard Orchestrator
- Describe Cisco NDO features and use cases
- Describe Cisco NDO platform support and the installation process
- Describe Cisco NDO with Cisco ACI multisite
- Describe Cisco intersite connectivity
- Describe multisite schemas and templates
- Describe multipod and multisite integration
- Orchestrate Cisco NDO policies

## Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Understanding of Cisco routing and switching in a data center
- Fundamentals of network management and network operation
- Understanding of Cisco ACI

These skills can be found in the following Cisco Learning Offerings:

- [Understanding Cisco Data Center Foundations \(DCFNDU\)](#)
- [Implementing Cisco Application Centric Infrastructure \(DCACI\)](#)

## Outline

- Cisco Nexus Dashboards Insights Overview
- Day-2 Operational Needs
- Cisco Nexus Dashboard Insights Installation on Cisco Nexus Dashboard
- Cisco Nexus Dashboard Insights Switch Telemetry
- Assurance Analysis Including Multisite Assurance
- Resource Analysis
- Alerts Analysis
- Explore Cisco Nexus Dashboard Insights
- Cisco Nexus Dashboard Insights Dashboards

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- Options for Exporting Data from Cisco Nexus Dashboard Insights
  - Cisco Nexus Dashboard Insights Use Cases
  - Cisco Nexus Dashboard Insights Integration with vCenter
  - Explore Cisco NDI Assurance Functions
  - Cisco NDO Overview
  - Cisco NDO Features and Use Cases
  - Cisco NDO Platform Support and Installation
  - Cisco NDO with Cisco ACI Multisite
  - Intersite Connectivity
  - Multisite Schemas and Templates
  - Multipod and Multisite Integration
  - Orchestrate Cisco NDO Policies

## Lab Outline

- Explore Cisco Nexus Dashboard Insights
- Configure and Explore vCenter Integration with Cisco NDI
- Explore Cisco NDI Assurance Functions
- Orchestrate Cisco NDO Policies

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## Links

- [Cisco U. Learning Path](#)
- [Cisco Learning Network Store](#)
- [Cisco Learning Locator](#)